

In the Claims

1. (Currently Amended) A galvanic element comprising at least one lithium-intercalating electrode having electrochemically active material applied to a metallic output conductor in the form of a foil or sheet, wherein the metallic output conductor has on a surface thereof electrochemically electrodeposited crystallites of a second or substantially identical metal selected from the group consisting of Cu and alloys thereof, the crystallites enlarging contact area of the element and reducing contact resistance to the active material.

2. (Previously Presented) The galvanic element of Claim 1, wherein the metal of the metallic output conductor is selected from the group consisting of Al, Cu, V, Ti, Cr, Fe, Ni, Co, alloys thereof and corrosion-resistant stainless steel.

3. (Cancelled)

4. (Currently Amended) The galvanic element of Claim 1, wherein the size of the ~~electrodeposited~~ crystallites is between about 1 and about 25 μm .

5. (Previously Presented) The galvanic element of Claim 1, wherein the thickness of the metallic output conductor is between about 5 and about 50 μm .

6. (Previously Presented) The galvanic element of Claim 1, wherein the thickness of the metallic output conductor is between about 8 and about 25 μm .

7. (Currently Amended) The galvanic element of Claim 1, wherein between 1 and 10 layers of ~~electrodeposited~~ crystallites are deposited on the metallic output conductor.

8. (Previously Presented) The galvanic element of Claim 1, wherein between 1 and 3 layer are deposited on the metallic output conductor.

9. (Previously Presented) The galvanic element of Claim 1, wherein the crystallites are provided with a corrosion layer made from benzotriazole or chromazation which is applied by immersion.

10. (Previously Presented) The galvanic element of Claim 1, wherein the electrochemically active material is laminated onto the metallic output conductor in the form of a sheet.

11. (Currently Amended) The galvanic element of Claim 1, wherein the size of the ~~electrodeposited~~ crystallites is between about 1 and about 10 μm .